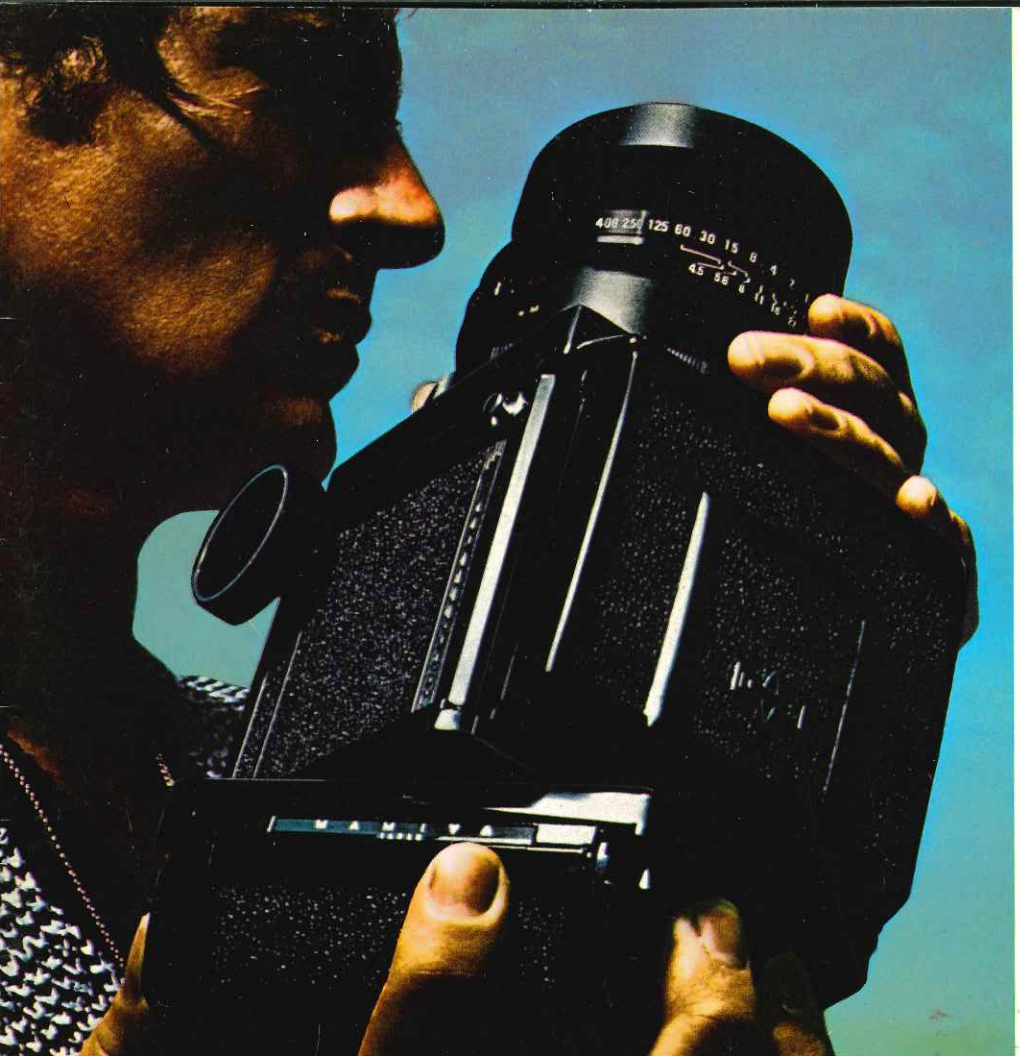


H-6

# Mamiya RB67

Professional system for
6x7 (2¼ x 2¾) single lens
reflex photography

3/71

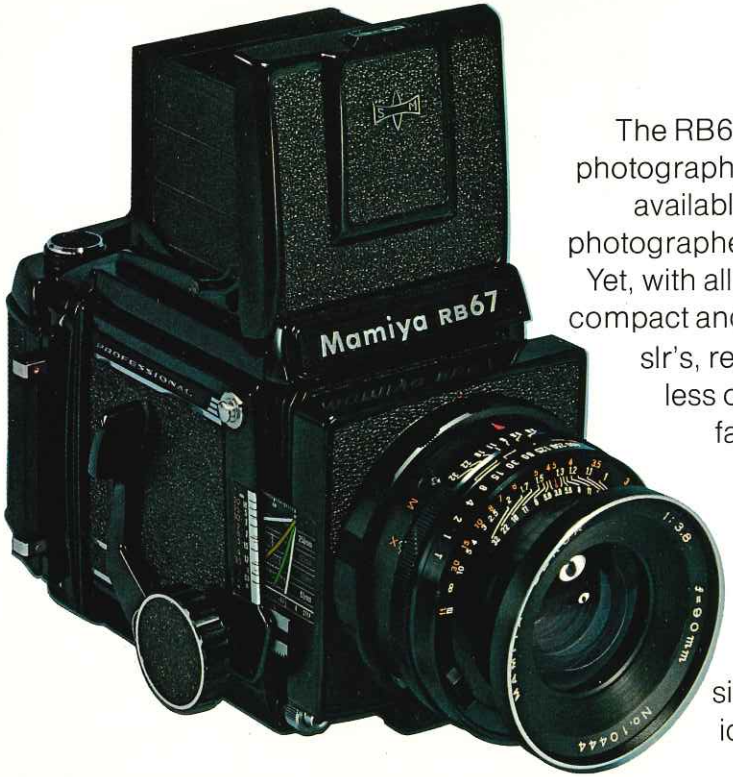
# Mamiya RB67

## The first practical 6x7 single lens reflex

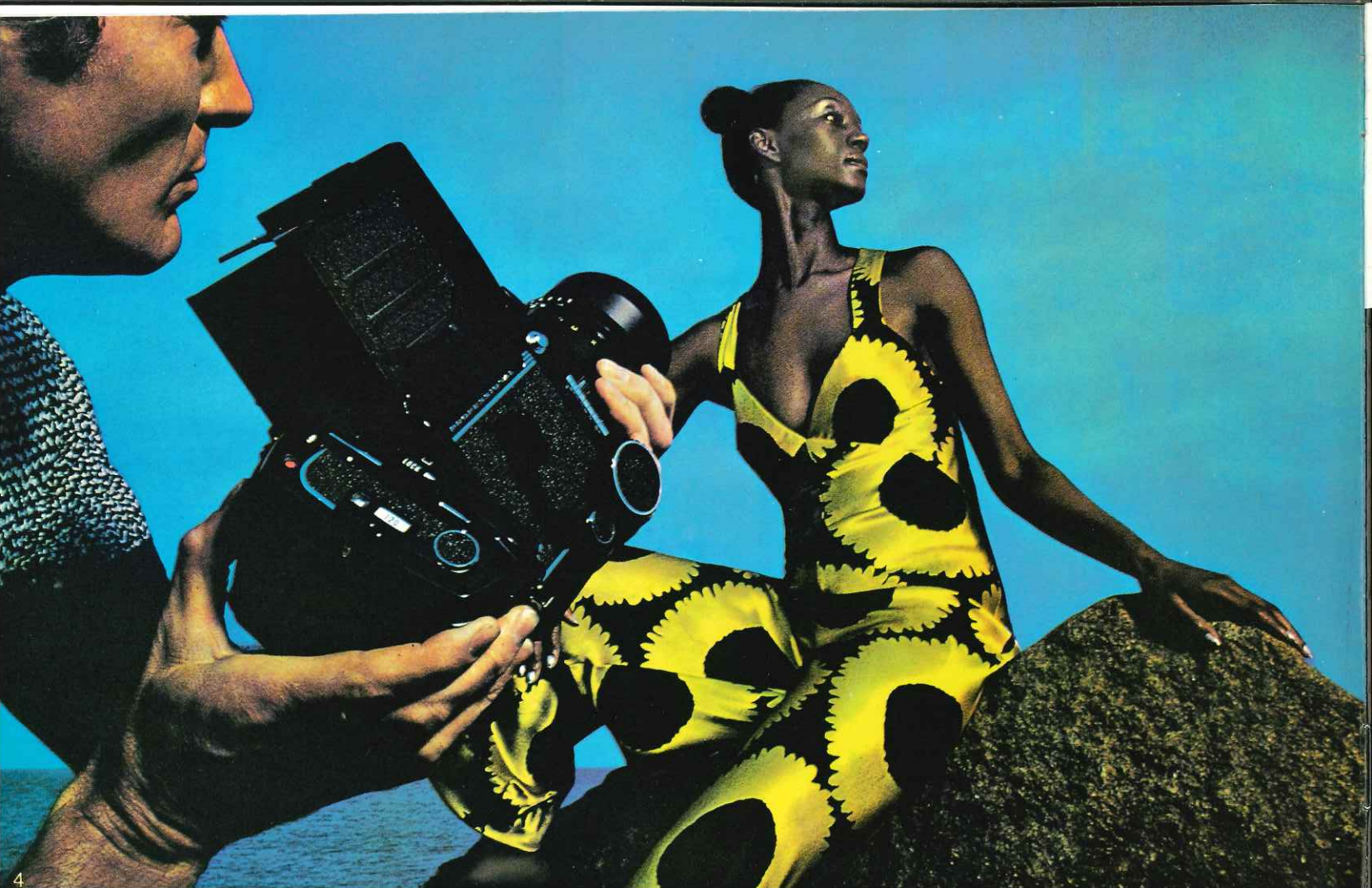
The 6x7 cm (2¼x2¾") format has long been considered ideal for professional photography. It can be enlarged to the most popular print sizes – 4x5, 8x10 and 16x20 – with virtually no cropping. It offers 30% more enlargeable area than 2¼x2¼, five times more than 35mm. And that means significantly more detail and crispness in your enlargements.

The Mamiya RB67 links this promise of superior picture quality with the practical advantages of a modern, fast-handling single lens reflex. And it adds its own special benefits, including a revolving back which makes the full 6x7 format conveniently usable for horizontal and vertical shots.

Even more important, however, is the design concept of the RB67 as a totally flexible, modular system. The camera provides full interchangeability of lenses, film backs, viewfinders and finder screens. With this comprehensive array of equipment at your disposal, you can tailor the RB67 to fit the needs of whatever picture situation you are facing.



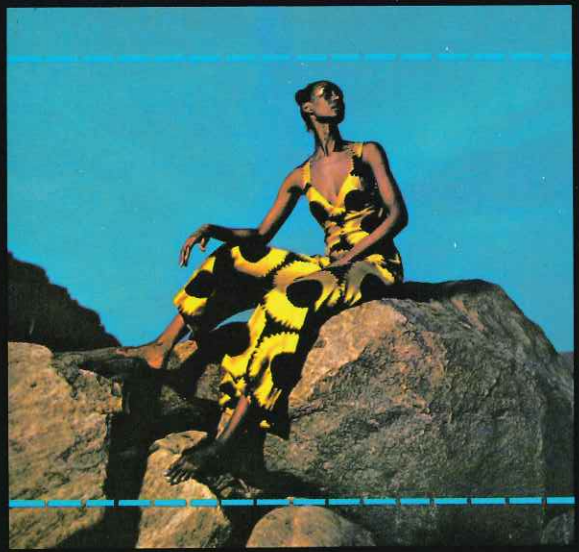

The RB67 thus opens whole new fields for single lens reflex photography where no truly professional equipment had been available before. It is an important new tool for any serious photographer, no matter what other cameras he already owns. Yet, with all its impressive capabilities, the RB67 is remarkably compact and beautifully balanced for hand-held shooting. Few slr's, regardless of size, can equal it for smooth, vibration-less operation. Designed and built by a foremost manufacturer of professional cameras, the Mamiya RB67 exhibits the ruggedness and precision that assure reliable performance in professional use. The price of the RB67 will come as a pleasant surprise to budget-conscious photographers. Moreover, many of its accessories can be used interchangeably with other Mamiya professional cameras, which makes the RB67 an economically sensible investment for the multi-camera user.

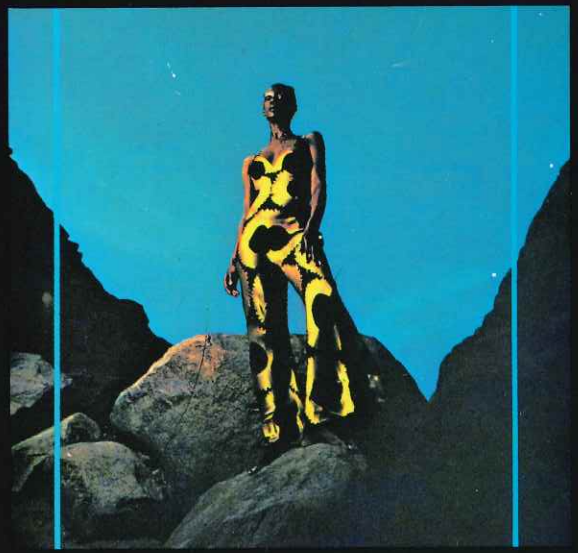


# The Revolving Back

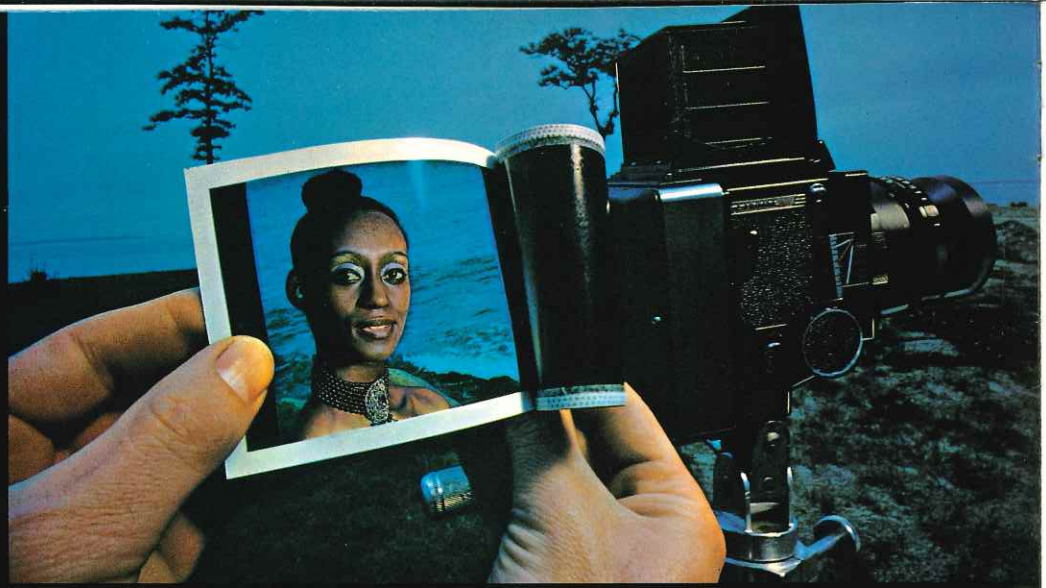
To enjoy the full advantage of the 6x7 format, you should be able to use the entire picture area for vertical as well as horizontal composition. And there's no easier way than with the revolving back of the Mamiya RB67. It lets you switch from one to the other with just a twist of your hand, even with a rollfilm back attached to the camera. Both formats are clearly outlined on each of the interchangeable finder screens.

Clearly, this facility is a must when the camera is used at waist-level. And it is a welcome convenience for eyelevel operation, too. You avoid the awkwardness of having to turn the camera on its side. With the RB67, you maintain your accustomed, comfortable grip no matter which way you are shooting.





# Interchangeable Film Backs

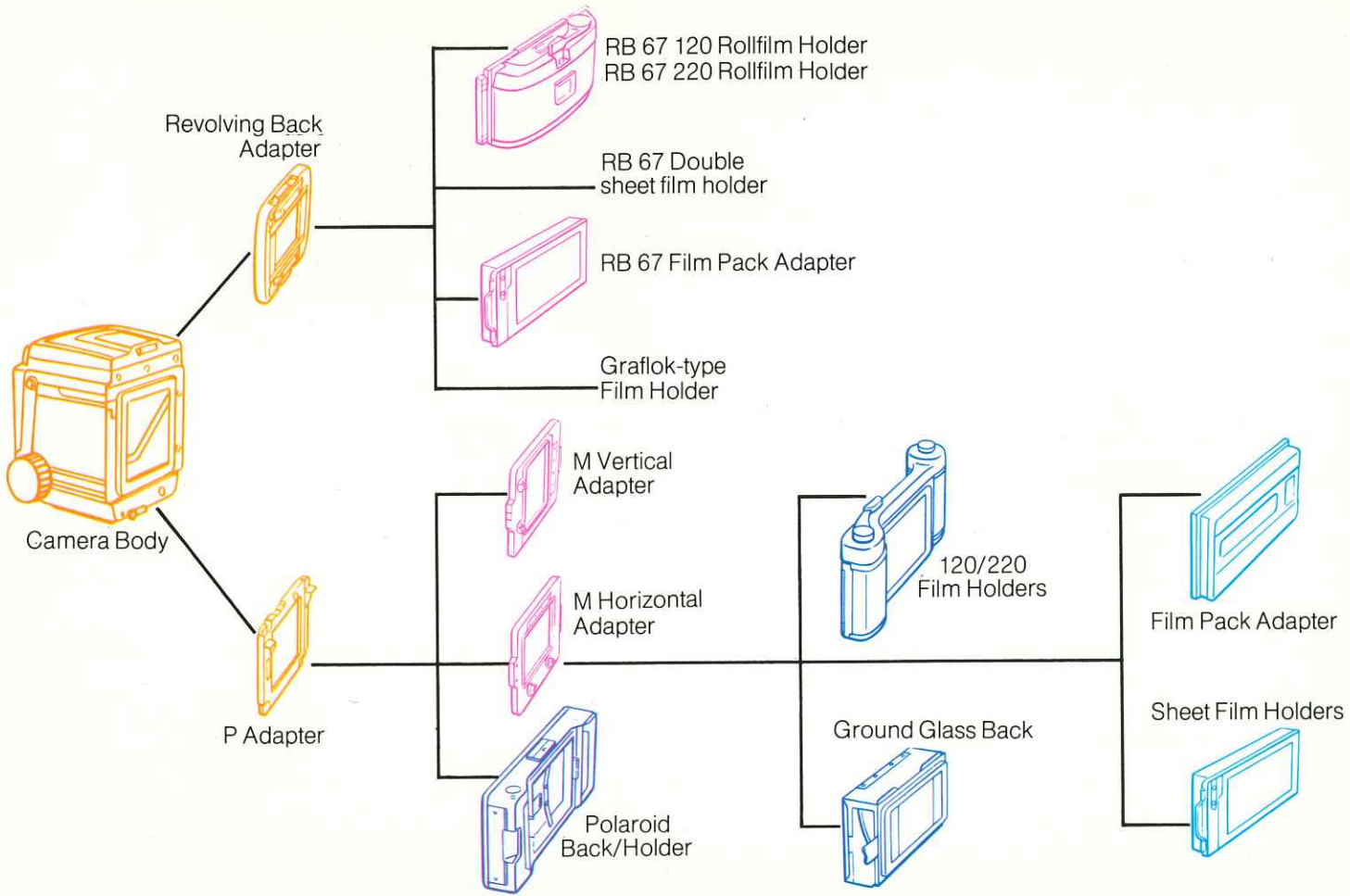


There are no fewer than eleven film backs in the RB67 system, giving you the widest possible choice of emulsions. Most of these are interchangeable with other Mamiya large-format cameras now used by thousands of professionals. If your work requires an slr as well as a rangefinder camera, this ability to use the same film backs with both can mean sizeable savings, not to mention convenience.

The RB67 achieves its film versatility by means of quickly interchangeable back adapters:

- RB (Revolving Back) Adapter accepts any of five Mamiya RB67 holders: Rapid 120 rollfilm, Rapid 220 rollfilm, double sheet film, and film pack The back may be rotated with either rollfilm holder attached.
- RB Adapter also accepts Graflok-type film holders.
- P Adapter, used in place of RB Adapter, accepts M Vertical and M Horizontal Adapters. These, in turn, permit use of following Mamiya Universal/Super 23 accessories: Rapid 120/220 rollfilm holders A (2¼x3¼) and B (2¼x2¼), and ground glass back. Latter accepts Mamiya 23 sheet film and film pack holders. (All 2¼x3¼ holders, of course, produce 2¼x2¼ pictures with the RB67.)
- P Adapter also permits mounting the Mamiya Universal Polaroid back/holder on the RB67, resulting in 7x7 cm (2¾x 2¾) shots.

In addition, the RB67 accepts any special film holders adaptable to any of the various backs.


RB 67 120 Rollfilm Holder
RB 67 220 Rollfilm Holder
Revolving Back Adapter
RB 67 Double sheet film holder
RB 67 Film Pack Adapter
Graflok-type Film Holder
Camera Body
M Vertical Adapter
M Horizontal Adapter
120/220 Film Holders
Film Pack Adapter
P Adapter
Ground Glass Back
Sheet Film Holders
Polaroid Back/Holder

| Lens | Minimum aperture | Closest focus* | Angle of coverage | Magnification | No. of elements |
|---|---|---|---|---|---|
| 65mm f4.5 | f32 | 3¼" | 68° 10' | 0.72x | 8 |
| 90mm f3.8 | f32 | 7¾" | 51° 50' | 1x | 7 |
| 127mm f3.8 | f32 | 17¼" | 38° 16' | 1.41x | 5 |
| 250mm f4.5 | f45 | 5' 3" | 20° | 2.78x | 5 |

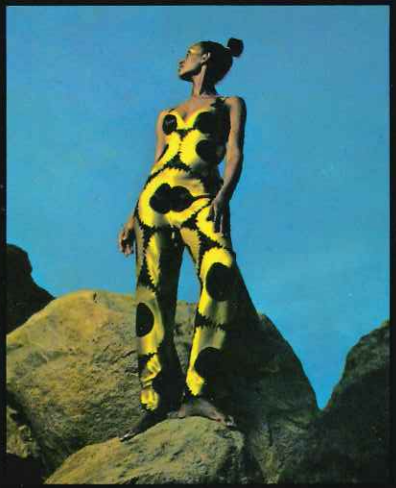
*Without extension tubes

# Interchangeable Lenses

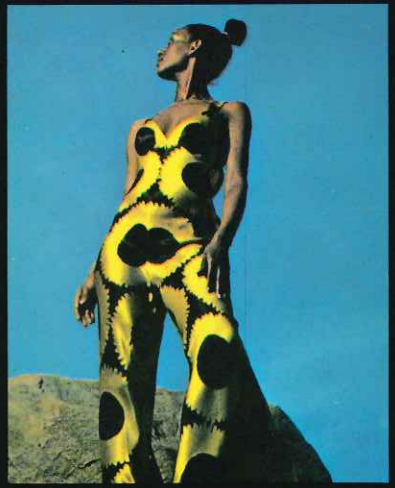
The RB67 system provides four lenses spanning the most desirable focal lengths, from wide angle to telephoto. Each has an automatic stop-down diaphragm with click stops at half-stop intervals and is fitted in its own M-X synchro shutter with speeds from 1 second to 1/400th, plus B. All four accept 77mm screw-in filters. They are equipped with breech-lock mounts which hold them securely on the camera while permitting rapid interchange.

With 65mm lens

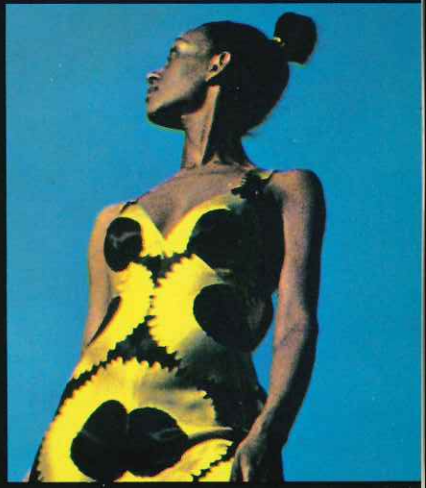
With 90mm lens



With 127mm lens



With 250mm lens



# The Mamiya RB67 Finder System

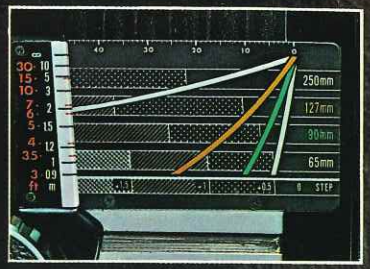
The precise thru-the-lens finder system of the RB67 assures accurate, parallax-free viewing and focusing at any subject distance, with any lens. And the finder image is as brilliant across the entire screen as it is accurate. What's more, the automatic diaphragm built into each lens maintains the image at maximum brightness right up to the instant of actual exposure.

# Interchangeable Finders

Here is another example of the versatility you enjoy with the modular RB67 design. For waist-level (or overhead) viewing, there's the standard folding hood with built-in flip-up magnifier. This hood interchanges quickly with any of three accessory finders: a 2.5x magnifying hood and two eyelevel finders, one of which embodies a meter system for thru-the-lens exposure control. An open-frame sports finder is also available.

# Interchangeable Finder Screens

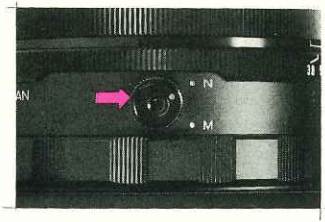
This facility is perhaps the ultimate test of any professional slr. With the RB67, you have a choice of five different screens to accommodate any preference and any special picture situation. All five are Fresnel-type design for even edge-to-edge brightness. And each is clearly marked for both horizontal and vertical formats. Changing from one screen to another takes just seconds and requires no tools.




# Built-in Closeup Facilities

With bellows extending up to 1 13/16" (46mm), the RB67 requires no accessories for closeup work. It can be focused to 3" from front of lens to subject, using the 65mm lens. Closeup exposure increase factors for all four lenses are clearly shown on a color-coded scale. In addition, the RB67 system provides two accessory automatic extension tubes for macrophotography.

## Independent Mirror Control



You can lock the camera mirror in "up" position prior to exposure when complete absence of vibration is desired. This facility is built into the mount of every RB67 lens.

## Special Safety Features

To help guard against spoiled exposures and waste of film, the RB67 offers several built-in precautions.

- The lens cannot be detached (and film accidentally exposed) unless the mirror is in "down" position.
- The shutter will not fire while the dark slide is in the film holder, preventing lost picture opportunities.
- RB67 rollfilm holders have automatic film advance indicators. White signal shows when film has been advanced but not exposed, turns red after exposure is made.

## Professional Focus System

Large focusing knobs on either side of the camera operate the RB67 bellows via a heavy-duty rack-and-pinion system. Rugged, reinforced construction assures lasting alignment accuracy of the entire focusing mechanism.

## Triple-Function Lever

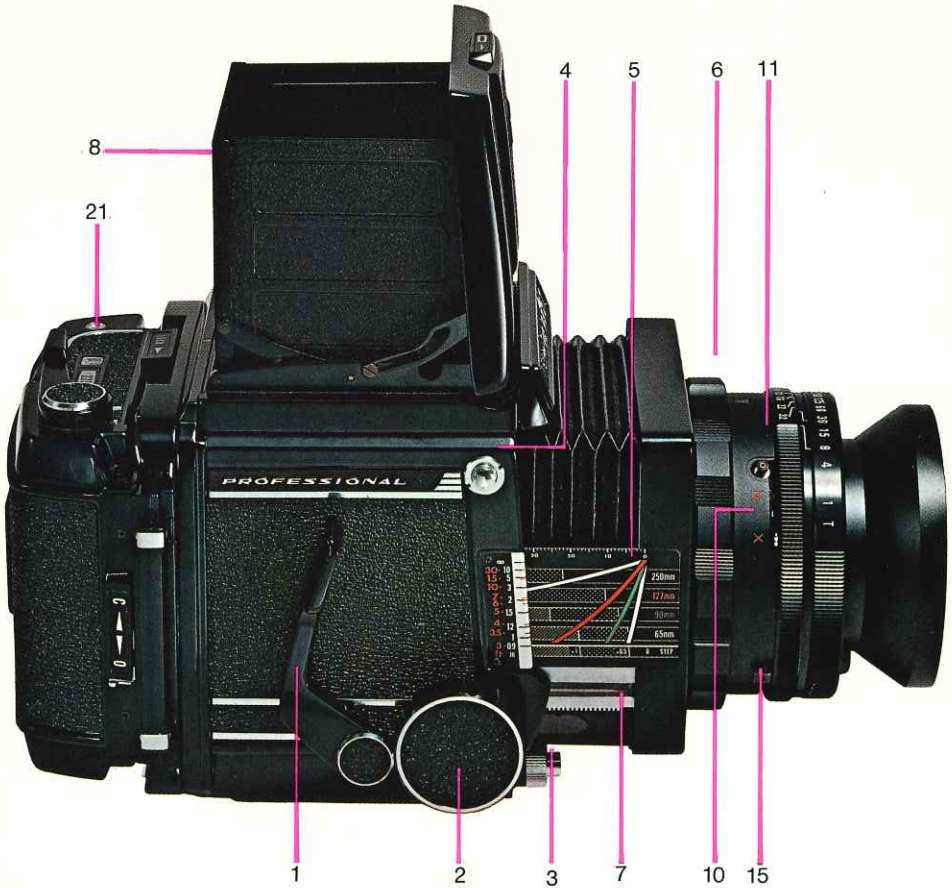
After the exposure, a single short stroke of the large thumb lever lowers the mirror into viewing position, reopens lens diaphragm and cocks the shutter.

## Depth-of-Field Previewer

Each lens has provision for stopping down the diaphragm to the preselected shooting aperture without releasing the shutter. This allows you to check depth-of-field at the shooting aperture or select the aperture on the basis of desired depth-of-field.

## Smooth, Quiet Operation

A virtual absence of mirror "slap" is evidence of the precise construction of the RB67. You can actually shoot with the camera hand-held at speeds as slow as 1/30th second.




# Mamiya RB67 Features

1. Triple-function lever
2. Focusing knob (one on either side)
3. Shutter release, threaded for cable release
4. Neck strap stud
5. Closeup exposure factor scales for all lenses
6. Lens lock/release ring
7. Rack-and-pinion heavy-duty focus system
8. Removable finder hood with flip-up magnifier
9. Name plate slides to release or lock finder
10. M-X synch selector
11. PC synch terminal
12. Aperture ring
13. Shutter speed ring
14. Depth-of-field scale
15. Depth-of-field previewer
16. Independent mirror control
17. Film back lock/release
18. Interchangeable finder screen
19. RB adapter with attached rollfilm holder
20. Film transport lever
21. Auto-reset exposure counter
22. Color-coded automatic film advance indicator

LOCK
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Mamiya RB67
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# Mamiya RB67 Accessories

## Film Back Adapters

**P Adapter** (Product No. 61932) replaces RB adapter on camera and accepts horizontal M adapter, vertical M adapter or Mamiya Universal Polaroid back/holder.

**Horizontal M Adapter** (Product No. 60778) fits onto P adapter and accepts Mamiya rollfilm holders A or B, also Mamiya ground glass back (latter for use with Mamiya sheet film or film pack holders), all for horizontal-format shots.

**Vertical M Adapter** (Product No. 61929) similar to No. 60778 but for vertical shots.

## Film Holders

**Mamiya 120 Rollfilm Holder** (Product No. 61930) produces ten 6x7 (2¼x2¾) exposures using 120 film. Has single stroke rapid-advance lever, auto-reset counter and automatic advance warning signal. Supplied with dark slide. Fits RB adapter, need not be removed when rotating back.

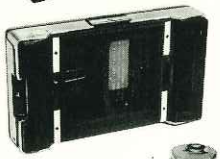
**Mamiya 220 Rollfilm Holder** (Product No. 61931) Same as No. 61930, but provides 20 exposures with 220 film.

**Mamiya Film Pack Holder** (Product No. 61941) accepts 520 film pack for vertical or horizontal shots.

**Mamiya Double Sheet Film Holder** (Prod. No. 61906), may be loaded with 2 sheets of 2¼x3¼ (6x9) film for horizontal or vertical 6x7 pictures.

*following accessories for other Mamiya cameras may also be used with RB67:*

**Mamiya Ground Glass Back** (Product No. 60775), fits either RB67 M adapter and accepts Mamiya Sheet Film/Plate Holder (No. 60610) or Film Pack Holder (No. 60611). For 6x7 negatives.



**Mamiya Universal P (Polaroid 100) Back** (Product No. 60780); attaches to RB67 P adapter, produces 2¾" square pictures.

**Mamiya 120/220 Rapid Rollfilm Holder A,** 2¼x3¼ (Product No. 60603), fits RB67 horizontal or vertical "M" adapter.

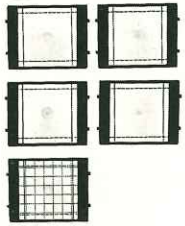
**Mamiya 120/220 Rapid Rollfilm Holder B,** 2¼x2¾ (Product No. 60604), fits RB67 horizontal or vertical M adapter. For 6x7 negatives.

**Mamiya C330 Sheet Film/Plate Holder** (Product #60666) may be fitted to RB adapter by means of special adapter.

## Other Accessories

**Magnifying Hood** (Product No. 61939) provides 2.5x magnification of entire finder screen. Interchanges quickly with standard folding hood without removing film holder. Supplied with case.

CdS Meter/Finder, Eyelevel Finder, and Sports Finder will be available soon.



**Finder Screens** Five Fresnel-type matte screens available: Matte center spot (Product No. 61952, supplied with camera); split-image range-finder spot (No. 61933); microprism spot (No. 61934); clear spot with crosshair reticle (No. 61935); matte spot plus overall grid pattern (No. 61936). All are instantly interchangeable without tools.

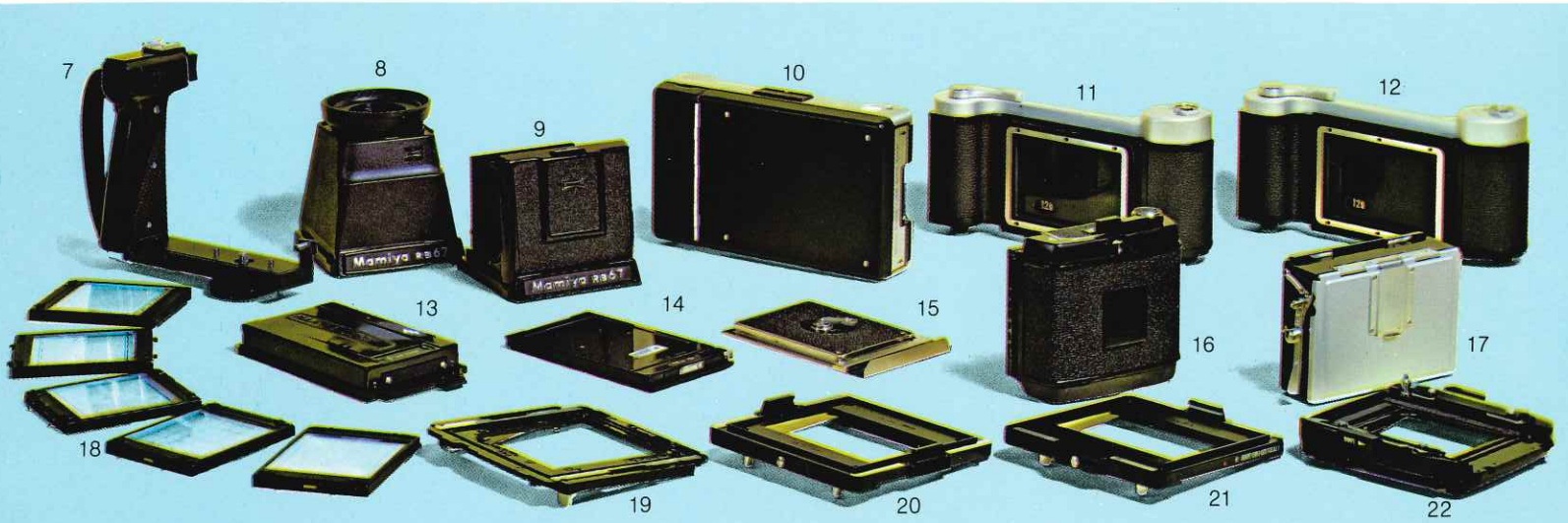
**Automatic Extension Tubes** Two available: No. 1 (Product No. 61942), 45mm long; No. 2 (Product No. 61943), 82mm long. Automatic lens diaphragm action remains operative with both tubes.

**Sun Shield** (Product No. 61944) for all lenses.

**Lens Hood** (Product No. 61908) for 90, 127 and 250mm

# The Mamiya RB67 Modular System

1. Camera body
2. Extension tubes
3. Lenses
4. Filters
5. Sun shield
6. Lens hoods
7. Grip holder
8. Magnifying hood
9. Folding finder hood (standard)
10. Polaroid 100 back/holder ‡
11. Rapid 120/220 rollfilm holder B†
12. Rapid 120/220 rollfilm holder A†
13. Film pack holder
14. Sheet film holder†
15. Single sheet film holder*
16. Rapid rollfilm back 120 (standard) or 220
17. Ground glass back†
18. Finder screens
19. P adapter
20. M horizontal adapter
21. M vertical adapter
22. RB adapter (standard)




* Also used with Mamiya C330 TLR † Also used with Mamiya Universal and 23 cameras . ‡ Also used with Mamiya Universal

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Printed in U.S.A.

# Mamiya RB67

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